I. *Obſervations of the Comparative, Intenſive or Specific Gravities of various Bodies. Made by Mr. J. C.*

Pump-water.	1000	Borax.	1720
Cork.	237	A ſpotted factitious Marble.	1822
Saſſafras Wood.	482	A Gally-Pot.	1928
Juniper Wood (dry.)	556	Oyſter ſhell.	2092
Plum-tree (dry.)	663	Murex-ſhell.	2590
Maſtic.	849	Lapis manati.	2270
Santalum Citrinum.	809	Selenitis.	2322
Santalum album.	1041	Wood petrefied in *Lough-Neagh.*	2341
Santalum rubrum.	1128	Onyx ſtone.	2510
Ebony.	1177	Turcois-ſtone.	2508
Lignum Rhodium.	1125	Engliſh Agat.	2512
Lignum Aſphaltum.	1179	Grammatias lapis.	2515
Aloes.	1177	A Cornelian.	2568
Succinum pellucidum.	1065	Corallachates.	2605
Succinum pingue.	1087	Talc.	2657
Jet.	1238	Coral.	2689
The top part of a Rhinoceros-horn.	1242	Hyacinth (ſpurious.)	2631
The top part of an Ox-horn	1840	Jaſper (ſpurious.)	2666
The (Blade) bone of an Ox.	1656	A pellucid Pibble.	2641
An human Calculus.	1240	Rock Cryſtal.	2659
Another Calculus humanus.	1433	Cryſtallum Diſdiaclaſticum	2704
Another Calculus.	1664	A red Paſte.	2842
Brimſtone, ſuch as commonly ſold.	1811	Lapis Nephriticus.	2894
		Lapis Amiantus from *Wales*	2913

Lapis

Lapis Lazuli.	3054	Wrought Braſs.	8280
An Hone.	3288	Hammer'd Braſs.	8349
Sardachates.	3598	A falſe Guinea.	9075
A Granat.	3978	A true Guinea.	18888
A Golden Marcaſite.	4589	Sterling Silver.	10535
A blew Slate with ſhining Particles.	3500	A braſs Half-Crown.	9468
A mineral ſtone, yielding 1 part in 160 Metal.	2650	Electrum, a Britiſh Coin.	12071
The Metal thence extracted.	8500	A Gold Coin of *Barbary.*	17548
The (reputed) Silver Ore of *Wales.*	7464	A Gold Medal from *Morocco.*	18420
The Metal thence extracted.	11087	A *Mentz* Gold Ducat.	18261
Biſmuth.	9859	A Gold Coin of *Alexanders.*	18893
Spelter.	7065	A Gold Medal of Q. *Mary.*	19100
Spelter Soder.	8362	A Gold Medal of Q. *Elizabeth.*	19125
Iron of a Key.	7643	A Medal eſteem'd to be near fine Gold.	19636
Steel.	7852		
Caſt Braſs.	8100		

II. *Extracts of ſome Letters from* Mr. John Sturdie *of* Lancaſhire *concerning* Iron Ore; *and more particularly of the* Hæmatites, *wrought into Iron at* Milthrop-*Forge in that County. Communicated by* Dr. Martin Liſter, S. R. S.

Townley, March 14. 1674.

SIR,

YOU will receive herewith ſome of the Cinder you deſir'd, as alſo a little of Iron-ſtone both burnt and unburnt. They have ſeveral ſorts of Iron-ſtone, and of